

opening along the back surface of the backplane member configured to receive a second optical connector;

↳ a single-piece integral spring member foldable frontal door at least covering a center portion of the frontal opening; and

a single piece integral spring member foldable rear door at least covering a center portion of the rear opening;

wherein the doors automatically close when an optical connector member is not placed in the respective opening and automatically fold when a connector member is inserted into the respective opening, wherein the front door and the rear door operate independently from each other.

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cont.

24. The backplane connector assembly of claim 23, wherein at least one of the doors includes an electrically conductive material and the door is electrically grounded.

25. The backplane connector assembly of claim 23, wherein the backplane housing includes a dielectric material and is not electrically conductive.

26. The backplane connector assembly of claim 23, wherein the backplane housing is electrically conductive and is electrically grounded and the doors are non electrically conductive.

27. The backplane connector assembly of claim 23, wherein the doors comprise a foldable spring design that folds into the opening when a connector is inserted into the opening.

28. The backplane connector assembly of claim 23, wherein each door comprises a single stamped metal part coupled to a hinge element.

29. The backplane connector assembly of claim 23, wherein the backplane housing defines a plurality of linearly stacked receiving cavities.